

PAPERS READ.

NOTES ON SOME AUSTRALIAN TERTIARY FOSSILS.

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Last year Professor R. Tate sent a very fine collection of Tertiary Australian fossils to the Canterbury Museum. After an examination of them I beg to offer the following notes which may be found useful:—

ANCILLARIA HEBERA, Hutton.

Quite similar to New Zealand specimens.

NASSA TATEI, Tenison-Woods.

This is the same as *Nassa compta*, Hutton (not of Adams), afterwards *N. socialis*, Hutton. Woods' name will stand.

MARGINELLA HORDEACEA, Tate.

This is, I think, the same as the Awamoa fossil that I considered to be *M. australis*, Hinds.

TEREBRA CALENIFERA, Tate.

The same as *Cerithium bicorona*, Hutton. Prof. Tate's name has priority.

SURCULA ATRACTOIDES, Tate.

I think this is the same as my *Pleurotoma Haasti*.

TRITON PSEUDOSPENGLERI, Tate.

Is the same as *T. minimus*, Hutton. I think Prof. Tate's name should stand as mine is not distinctive.

TORCULA MURRYANA, Tate.

Very like small specimens of *Turritella concava*, Hutton.

DENTALIS TEXTURATUS, Tate.

The same as *Dentalium Mantelli*, Zittel.

LIMA BASSII, Tenison-Woods.

The same as *L. colorata*, Hutton. Mr. Woods' name should stand as mine is incorrect.

PECTEN INCERTUS, Tenison-Woods.

The same as *Pecten Burnetti*, Zittel.

PECTEN YAHLSENSIS, Tenison-Woods.

The same as *P. Hectori*, Hutton. Mr. Woods' name has priority.

PECTEN ALDIGENSIS, Tate.

The same as *P. Williamsoni*, Zittel.

GRYPHÆA TARDA, Hutton

Agrees with New Zealand specimens.

TEREBRATULINA SCOULERI, Tate.

The same as *T. Suessi*, Hutton.

LEIOCIDARIS AUSTRALIÆ, Duncan.

The same as *Cidaris striatus*, Hutton. Dr. Duncan's name has priority.

ECHINUS WOODSII, Laube.

The same as *E. Enysi*, Hutton. Laube's name has priority.

PERICOSMUS COMPRESSUS, McCoy.

The same as *Meoma Crawfordi*, Hutton. Professor McCoy's name should be retained as the figure of my species has not yet been published.